



TEL-HT

TELECOM HIGH TEMP BATTERIES

WITH MSE PURE LEAD TECHNOLOGY

C&D
TECHNOLOGIES.

TEL12-200FHT

C&D Technologies' TEL-HT suite of products is the longest-lasting high-performance VRLA battery for Telecom applications that endure extreme conditions. In addition, our batteries save costs by deferring replacements and reducing operational expenses.

BENEFITS



RELIABILITY IN ALL ENVIRONMENTS: A TEL-HT battery, regardless of region or conditions, can simplify your network design and save you money on cooling costs. It is designed for operation in extreme temperatures from -40°F to +160°F (-40°C to + 71°C).



LONGEST LIFE: Extreme attention to quality, patented Pure Lead (MSE) technology, and optimized grid alloys provide approx 20% savings* backed by an industry-leading warranty.**



SUPPORT SUSTAINABILITY: Lower your energy demand and cooling costs. TEL-HT batteries are 98% recyclable, manufactured with up to 80% recycled materials, and last longer in higher-temperature environments. C&D creates high-quality products and process improvements to minimize our environmental footprint.



MAINTENANCE EFFICIENCY: True Front Access terminals minimize failure points and save maintenance time.

FEATURES

- ◆ Expect 12+ year design life
- ◆ MSE Pure Lead technology reduces water loss by up to 50%, improves grid life, and lowers float current, thereby extending battery life
- ◆ Engineered to extend service life in elevated temperature applications
- ◆ Patented True Front Access® for reduced maintenance compared to traditional top terminal configurations
- ◆ Premium materials and components, including a strong polypropylene case, protect the battery's components and ensure year-after-year reliability in the most demanding environments
- ◆ Store up to two years at 77°F (25°C)
- ◆ 12-volt monobloc using Valve Regulated Lead Acid (VRLA) and Absorbed Glass Mat (AGM) components
- ◆ Non-hazardous AGM for easy shipping, no spillage, and no periodic watering
- ◆ C&D Ohmic Ring™ for improved reliability and to make service readings easier





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| TEL12-200FHT | |
|--------------------------------|--|
| OPERATING TEMPERATURE | Discharge: -40°F to +160°F (-40°C to +71°C) Charge -10°F to +140°F (-23°C to +60°C) |
| RECOMMENDED CHARGING CURRENT | C20/5Amperes (Maximum) @ 77°F (25°C) |
| FLOAT CHARGING VOLTAGE | 13.65VDC +/-0.15VDC Per 12V Unit |
| TEMP COMPENSATION FLOAT CHARGE | 3.6mV/Cell from 77°F (25°C) (13.434 VDC @35°C) |
| EQUALIZE CHARGING VOLTAGE | 14.40 VDC to 14.80 VDC Per 12V Unit |
| STORAGE | Battery may be stored up to 2 years at 77°F (25°C) |
| TERMINAL | Threaded copper alloy insert terminal: 1/4-20 bolt |
| TERMINAL HARDWARE TORQUE | 110 in-lbs (12.4 N-m) for 1/4-20 Hardware |
| SELF STORAGE | Battery can be stored up to 24 months at 77°F (25°C) before a freshening charge is required. |

| NOMINAL CAPACITY 8 HOURS TO 1.75 VPC @ 25°C | IEC CAPACITY 10 HOURS TO 1.80 VPC @ 20°C | WEIGHT LBS (KG) | MAXIMUM DISCHARGE CURRENT | OHMS IMPEDANCE 60 HZ (Ω) |
|--|---|-----------------|------------------------------|-----------------------------|
| 195 Ah | 192 Ah | 132 (60) | 800A | 0.0042 |

| VOLTAGE | CONSTANT CURRENT DISCHARGE RATINGS - AMPERES @ 77°F (25°C) | | | | | | | | | | | | | DIMENSIONS INCHES (mm) | | |
|---------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------------------------|-----------|-------------|
| | OPERATING TIME (Hr.) TO 1.75 VOLTS PER CELL | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 12 | 20 | 24 | 72 | LENGTH | WIDTH | HEIGHT |
| 12 VOLT | 132.70 | 79.50 | 56.20 | 44.00 | 36.40 | 31.10 | 27.30 | 24.40 | 20.10 | 17.20 | 11.00 | 9.40 | 3.30 | 22.0 (559) | 4.9 (126) | 12.52 (318) |

* Moving from 5-year to 6-year replacement

** Specific maximum average temperature in our warranty document

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